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International Patent Classification [6]:		(11) International publication number: WO 99/30069
F16L 11/08	A1	(43) International Publication date: June 17, 1999 (17.06.99)

(21) International reference number: PCT/EP98/07957

(22) International Publication date: 8th December 1998 (08.12.98)

(30) Priority dates:
197 54 448.7 8th December 1997 (08.12.97) DE

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(81) Destined states: BR, JP, KR, US, European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)

Published
With international research report.
Before expiration of the deadline for the amendments in the claims: Publication repeated in case of possible Amendments.

(54) Title: TEXTILE REINFORCING LAYER FOR FLEXIBLE HOSES, TUBES AND SIMILAR EXTENDED OBJECTS

(54) Designation: TEXTILE REINFORCEMENT LAYER FOR HOSES, TUBES AND SIMILAR EXTENDED OBJECTS

(57) Abstract

A textile reinforcing layer for flexible hoses, tubes and similar extended objects which comprise at least one inner layer,
an inventive textile reinforcing layer and an outer layer joined to the textile reinforcing layer and the inner layer. Said textile reinforcing layer is comprised of a stiffening material which has a stiffening effect at normal ambient temperature
in at least one direction that deviates from the longitudinal axis of the object which is to be reinforced, especially in a substantially perpendicular position in relation to the longitudinal axis thereof. This enables the textile reinforcing layer to be mechanically applied to the inner layer in an optimum manner, thereby avoiding folds.

(57) Summary

perpendicular direction to the longitudinal axis of the [illegible] reinforcement to be mechanically applied to the inner layer in an optimum manner, particularly without generating folds.

Summary

Textile Reinforcement Layer for Hoses, Tubes and similar extended Objects as well as for Products manufactured from such Objects

A textile reinforcement layer for hoses, tubes and similar extended objects, that consist of at least one inner layer, the mentioned textile reinforcement layer, as well as an outer layer bonded to the textile reinforcement layer and the inner layer, and which evidences a stiffening of a material, which at normal ambient temperature has a stiffening effect in at least one direction different from the longitudinal axis of the object to be reinforced, especially perpendicular of the longitudinal axis of the object to be reinforced. This method enables an error-free application of the reinforcement layer onto the inner layer by machine, specifically without wrinkles.